



Patent Docket # 363R1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Application of Ansaldi et al. Serial No.: 09/320,100 Filed: May 26 1999 For: SEPARATION OF POLYPEPTIDE MONOMERS | Group Art Unit: 1642 Examiner: Jennifer Nichols (nee Hunt) CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231 on January 9, 2001 <i>Ann Savelli</i> Ann Savelli |
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AMENDMENT AFTER FINAL REJECTION
PURSUANT TO 37 CFR §1.116

Honorable Commissioner for Patents
Washington, D.C. 20231

Sir:

This is in response to the Office Action mailed October 12, 2000, which is a final rejection of all the pending claims. Please amend the above-identified application by amending the claims as follows. The marked-up version comparing the previous version with the current amendment appears immediately below, where underlining is added text and bracketing is deleted text. The clean copy is attached to this Amendment.

IN THE CLAIMS:

1. A method for separating [a] polypeptide monomers from a mixture comprising said polypeptide monomers, and dimers or multimers of said polypeptide monomers or both dimers and multimers of said polypeptide monomers, wherein the method consists essentially of applying the mixture to a cation-exchange or anion-exchange chromatography resin in a buffer, wherein if the resin is cation-exchange, the pH of the buffer is about 4-7, and wherein if the resin is anion-exchange, the pH of the buffer is about 6-9, and eluting the mixture at a gradient of about 0-1 M of an elution salt, wherein the monomer is separated from the dimers or multimers or both present in the mixture, and wherein the separated monomer has a purity of greater than 99.5% and the monomer yield is greater than 90%.